

Contents of Volumes 2, 3, and 4

Preview of Public Review Draft Vol. 2-4 available at:
http://www.waterplan.water.ca.gov/b160/PRD_preview/

Volume 2 - Resource Management Strategies

Introduction – Resource Management Strategies
Agricultural Lands Stewardship
Agricultural Water Use Efficiency
Conjunctive Management and Groundwater Storage
Conveyance
Desalination
Drinking Water Treatment and Distribution
Economic Incentives (Loans, Grants and Water Pricing)
Ecosystem Restoration
Floodplain Management
Groundwater Remediation/Aquifer Remediation
Matching Water Quality to Use
Pollution Prevention
Precipitation Enhancement
Recharge Area Protection
Recycled Municipal Water
Surface Storage--CALFED
Surface Storage--Regional/Local
System Reoperation
Urban Land Use Management
Urban Runoff Management
Urban Water Use Efficiency
Water-Dependent Recreation
Watershed Management
Water Transfers
Other Resource Management Strategies

Volume 3 - Regional Reports

Chapter 1: State Summary
Chapter 2: North Coast Hydrologic Region
Chapter 3: San Francisco Bay Hydrologic Region
Chapter 4: Central Coast Hydrologic Region
Chapter 5: South Coast Hydrologic Region
Chapter 6: Sacramento River Hydrologic Region
Chapter 7: San Joaquin River Hydrologic Region
Chapter 8: Tulare Lake Hydrologic Region
Chapter 9: North Lahontan Hydrologic Region
Chapter 10: South Lahontan Hydrologic Region
Chapter 11: Colorado River Hydrologic Region
Chapter 12: Sacramento – San Joaquin Delta Region
Chapter 13: Mountain Counties Area of California

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Volume 4 - Reference Guide

Introduction

Background

- A California Water Chronology
(by the Water Education Foundation)
- A Look Back at Past California Water Plans
- Bay Delta Standards Contained in D-1641
- Selected Water Prices in California
- Task Force and Advisory Panels
- Water Allocation, Use and Regulation in California
- What's So Special About Special Districts? A Citizen's Guide to Special Districts in California (Third Edition)
(by Kimia Mizany and April Manatt, CA Senate Local Government Committee)

Crop Water Use

- Preface
- Central Valley Crop Classification Processing Using Remote Sensing and GIS Technologies
(by Jeff Milliken, Mariette Shin, David Hansen, Charles Johnson, Michael Sebhat, Joel Zander - USBR Mid Pacific Region)
- CUP (Consumptive Use Program) Model
(by Morteza Orang, Richard Snider, Scott Matyac, DWR and UC Davis)
- Evaporation Research -- A Review and Interpretation
(by C.M. Burt, A.J. Mutziger, R.G. Allen, and T.A. Howell)
- Evapotranspiration and Relative Contribution by the Soil and the Plant
(by Theodore Hsiao and Liukang Xu, UC Davis)
- Evapotranspiration from a Satellite-Based Surface Energy Balance for the Snake Plain Aquifer in Idaho
(by Richard G. Allen, Anthony Morse, Masahiro Tasumi, Ricardo Trezza, Wim Bastiaanssen, James L. Wright, and William Kramber)
- Model for Estimating Evaporation and Transpiration from Row Crops
(by Francesca Ventura, Ben A. Faber, Khaled M. Bali, Richard L. Snyder, Donatella Spano, Perpaolo Duce, and Kurt F. Schulbach) Originally published in Journal of Irrigation and Drainage Engineering, American Society of Civil Engineers. Nov/Dec 2001. Obtained from WWW.PUBS.ASCE.ORG.)
- The Promise of Regulated Deficit Irrigation in California's Orchards and Vineyards
(by David Goldhamer and Elias Fereres, UC Davis, IAS-CSIC and University of Cordoba, Spain)
- SIMETAW (Simulation of Evapotranspiration of Applied Water)
(by Richard Snider, Morteza Orang, Shu Geng, Scott Matyac and Sara Sarreshteh, UC Davis and DWR)

Data and Analytical Tools

- Analytica-Based Scenario Water Demand Estimation
(by David Groves, Pardee RAND Graduate School and Scott Matyac, DWR)
- Future Quantitative Analysis for California Water Planning
(by Ken Kirby, SKS Consultants)
- Survey of Irrigation Methods in California
(by Morteza Orang, Richard Snider and Scott Matyac, DWR and UC Davis)
- Strategic Analysis Framework To Guide Future Development of Analytical Tools for Managing Water in California. Intermediate Report
(by California Water and Environment Modeling Forum)

Environment

- Applying the Public Trust Doctrine to River Protection
(By Jan S. Stevens)
- Considering Water Use Efficiency for the Environmental Sector
(by Jeff Deason, Jessica Fast, Lisa Scroeer, Brian Turner and Renske van Staveren, UC Berkeley)
- Recommendations Regarding Scenarios and Application of Environmental Water "Demands" in the State Water Plan Update & Quantification of Unmet Environmental Objectives in State Water Plan 2003 Using Actual Flow Data for 1998, 2000, and 2001 (by Environmental Defense)

Environmental Justice

- Environmental Justice in California Government (by OPR)
- General Plan Guidelines Chapter 2: Sustainable Development and Environmental Justice (by OPR)

Global Climate Change

- Climate Change and California Water Resources: A Survey and Summary of the Literature
(by Michael Kiparsky and Peter H. Gleick, Pacific Institute for Studies in Development, Environment and Security)
- Accounting For Climate Change (by Maurice Roos, DWR)

Hydrology

- California River Indices
- Frequency of a 100 Year Flood
- Major Floods Since 1950
- Severity of Extreme Droughts in Sacramento and San Joaquin Valley

Infrastructure

- California's Major Water Projects
- California Reservoirs
- California Bay-Delta Surface Storage Program Progress Report
(by California Bay-Delta Authority, DWR, and U.S. Bureau of Reclamation)
- Hydropower Projects Relicensing

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Legislation

- Recent Water Legislation (by DWR Legislative Affairs Office)
- Water Bonds
- Water Plan Legislation
- Work Plan for Meeting Legal Requirements for the California Water Plan

Litigation

- Joint Statement on the Monterey Amendments Litigation
(by DWR, Central Coast Water Authority, State Water Contractors, Planning and Conservation League, Plumas County Flood Control and Water Conservation District, and the Citizens' Planning Association of Santa Barbara County)
- Recent Litigation in California Water Management
(by DWR, Office of Chief Counsel)

Planning

- "Addressing California's Uncertain Water Future by Coordinating Long-Term Land Use and Water Planning: Is a Water Element in the General Plan the Next Step?"
(by Ryan Waterman. Originally published in Ecology Law Quarterly, Volume 31, Issue 1 at page 117, Copyright (c) 2004 by the Regents of the University of California.)
- Basic Strategic Planning (by Department of Finance Staff)
- Customer & Stakeholder Survey for CWP Update 2003
- Financing Strategies and Guidelines for Funding Water Resource Projects
(by David Kracman, Schlumberger Water Services)
- Future Food Production and Consumption in California Under Alternative Scenarios
(by Henrich Brunke, Richard Howitt and Daniel Sumner, University of California Agricultural Issues Center)
- Future Scenarios and Responses
- Planning For Extreme and Prolonged Drought Conditions
- Planning Framework for Water Plan Update

Water Quality

- Californians Without Safe Water
(by Monique Wilber)
- California Nonpoint Source Encyclopedia
(prepared for SWRCB, by Tetra Tech, Inc.)
- California Water Quality in 2004
(written and edited by John Andrew, DWR)

Glossary